

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L12   | 12   | "349"/\$.ccls. and (LCOS liquid adj crystal adj on adj silicon) same silicon adj substrate same (better durability durable flexible circuit embed embedded advantage\$2 integrat\$3) same glass adj substrate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/10 10:13 |
| S1    | 123  | 349/178.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/05 15:36 |
| S2    | 41   | S1 and (thin adj film adj transistor or TFT)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/05 15:40 |
| S3    | 1    | S2 and ferroelectric  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/05 15:41 |
| S4    | 127  | negative near2 dielectric near2 anisotropic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/05 15:44 |
| S5    | 127  | (negative near2 dielectric near2 anisotropic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/05 15:44 |
| S6    | 11   | S5 and (ferroelectric ferro-electric)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/05 16:53 |
| S7    | 6    | S6 and silicon  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/05 15:45 |

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| S8  | 6    | S7 and color   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 15:45 |
| S9  | 5    | S8 and (indium adj tin adj oxide or ITO or indium adj zinc adj oxide or IZO) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 15:46 |
| S10 | 5    | S9 and (thin adj film adj transistor or TFT)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 15:46 |
| S11 | 5    | S10 and inorganic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 15:51 |
| S12 | 2    | S11 and (alignment adj (film layer))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 15:49 |
| S13 | 2    | S11 and (alignment adj (film layer) or orientation adj (film layer))         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 15:49 |
| S15 | 2484 | (chiral adj smectic adj C)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/05 17:12 |
| S16 | 1558 | 349/149,152.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/06 10:25 |

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|-----|----|---|---|----|-----|------------------|
| S17 | 56 | 349/149,152.ccls. and pad near2 region  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/06 13:37 |
| S18 | 50 | S17 and (passivation or insulat\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/06 09:51 |
| S19 | 2  | ("20050088591").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 10:04 |
| S20 | 4  | 349/149,152.ccls. and (passivation near pad)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/06 10:25 |
| S21 | 9  | ("5946057"   "6097467"   "6177974").PN. OR ("6268898").URPN.                    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/10/06 10:27 |
| S22 | 6  | ("5917572"   "6181406"   "6268898").PN. OR ("6577374").URPN.                    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/10/06 10:37 |
| S24 | 96 | 349/149,152.ccls. and (passivation protection insulator) same pad               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/06 13:38 |
| S25 | 59 | 349/149,152.ccls. and (passivation protection insulator) near10 pad             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/06 13:52 |
| S26 | 29 | 349/149,152.ccls. and method same (passivation protection insulator) near10 pad | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/06 14:00 |

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| S27 | 30  | S25 not S26   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/06 13:52 |
| S28 | 14  | ("5172212"   "5187604"   "5349205"<br>  "5430329").PN. OR ("5581382").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/10/06 14:00 |
| S29 | 2   | S28 and method same (passivation<br>protection insulator) near10 pad            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/06 14:00 |
| S30 | 127 | 349/178.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/09 21:44 |
| S31 | 2   | ("6682786").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/09 21:45 |
| S32 | 429 | "349"/\$.ccls. and silicon adj<br>substrate same glass                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/09 21:45 |
| S33 | 846 | "349"/\$.ccls. and silicon adj<br>substrate near8\ glass                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/09 21:45 |
| S34 | 244 | "349"/\$.ccls. and silicon adj<br>substrate near8 glass                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/09 21:48 |
| S35 | 2   | ("20060001826").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/09 21:56 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S36 | 1035 | "349"/\$.ccls. and (LCOS crystal near3 silicon)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/09 21:57 |
| S37 | 67   | "349"/\$.ccls. and (LCOS crystal near3 silicon) same (better durability durable flexible)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/09 21:58 |
| S38 | 34   | "349"/\$.ccls. and (LCOS crystal adj on adj silicon) same (better durability durable flexible)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/09 21:58 |
| S39 | 34   | "349"/\$.ccls. and (LCOS liquid adj crystal adj on adj silicon) same (better durability durable flexible)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/10 10:04 |
| S40 | 53   | "349"/\$.ccls. and (LCOS liquid adj crystal adj on adj silicon silicon adj substrate) same (better durability durable flexible) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/09 22:00 |